

CLAIM AMENDMENTS:

Please amend the claims as follows:

1. (Currently amended) An optical module, comprising:
a substrate;
an optical element that is fixedly secured to said substrate; and
an optical transmission member that is coupled to said optical
element and fixedly secured on said substrate,
wherein said substrate is made of a substrate having a through hole
between a secured portion of said optical element and a secured portion of said
optical transmission member, and said through hole is set to have a distance W in
a direction in which the secured portion of said optical element is connected to the
secured portion of said optical transmission member, which is wider than a width
that allows parallel light rays having a plane shape, emitted from a laser
micrometer, to pass, and a length L in a direction perpendicular to said width W is
smaller than the width of said parallel light rays.

2. (Cancelled).

3. (Currently amended) The optical module according to claim [[2]] 1,
wherein the length L of said through hole is set to not more than 50% of the width
of said substrate that is a dimension in the length direction of said through hole.

4. (Original) The optical module according to claim 1, wherein said substrate is made of AlN or SiC.

5. (Original) The optical module according to claim 1, wherein said optical element is at least one member selected from the group consisting of a light emitting device, a light receiving device, a lens that is coupled to a light emitting device or a light receiving device, a coupled device between a light emitting device or a light receiving device and a lens, and a light-guide path.

6. (Original) The optical module according to claim 1, wherein said optical transmission member is made of an optical transmission path or an optical parts assembled member to be coupled to an optical transmission path.

7. (Original) The optical module according to claim 6, wherein said optical parts assembled member is at least one member selected from the group consisting of an assembled member having a collimator lens, an isolator, a light converging lens and a sleeve that are combined into a tube, a combined member of an isolator and a converging lens, and a rod lens.

8. (Original) The optical module according to claim 1, wherein said optical transmission member is fixedly secured onto said substrate through an

optical transmission member securing base made of glass ceramics, mullite or quartz.

9. (Original) The optical module according to claim 1, wherein said optical element is formed of a semiconductor laser chip, and said optical transmission member is formed of an optical fiber.

10. (Original) The optical module according to claim 9, wherein said optical fiber is a fiber with a tip-wedge-shaped lens.

11-20. (Cancelled).